

1/15

-1075 ATTAGAGATT GTAAATTGGG CTCTGAGCTT CCTACCAACA AAAGCACAAA GGAAAATATG

-1015 ATCACTGGTA TTAAAAA AAAACCTATGG TTTCCAAAAG ATTAAACAA ACCAGCAGTT

-955 TTATAGAAGC TAACACTAAA ATCTAAAGGA ACTACGTTCT ATGGAGCCAC TTAATATGGA

-895 TAAACACTTT GACAATATTC TTTCAACAAC TACAGTAACA AGTTTCTTAG AGTCCATTTT

-835 TTTTACATC CATAATGAAT TGTAATCTT TTCTACTTCT TAAGTAAAC ATCACCAGTT

-775 AATTCTGGTA ACTTTTCCAT ATTAACCTTT TAGAACAATT GCAAACGTAC CATAAATGAT

-715 TGTGTCACA GTGGTAACTA TTTGACCCTG ACTGTTATTT TGTATATAGC AGCTTTTAAA

-655 ATAAAAAGGC AACAAGTTTC TAGGCGTAAT TTCCACAGAT CTTTATGTA AAACAATGAC

-595 ATCCTTTGCA ACTTCTGCCA TTTAATCTAT CTCAAGCAAG CTCTCTGGAA ACAAATCTAT

-535 TTGAAAGATT CTATTGTAAT TAGAAATCAG GGTAAGTAA TGCACCTAGT GAAAACCTTC

-475 TGACTGGGGC CAATGAAGTC AATAAGTCA AACTGCTGT GAATGCTCAA CTGTCTGCAG

-415 ATCAGATGTC TTGGGATGGA ATCCGTTCTC GAGGCCACCA TCATTAATAT CAATTGGGCC

-355 ATGTAATACA AGCCTCACTT GTTCCACTGT TACAAATGTG CTTAAACTG AGCTCATTTA

-295 CAATCCAAAT ACATATGTAG GATGGTAACC AAGGCATCAC ACTAATTTAG GTATTATGTT

----->

FP1 FP2

-235 TTAGGGGGAA CAAAAGGTAT GTTAATATTT TATCAATCTC CAAATTAAGT ATAAATTGTG

FP3

-175 CATTCTTGCA TAGATCCTCC TTGGGAATGA GAAATTAGGA AAATCCAGTT GTTAAATGA

FP4

-115 ATGCCTAAAA TCAAATATAA ATTTGTTTTT CTGGCACCTG CTTGATGACA CAGACTAATA

----->

+1

-55 ACCAATGACA AAATTCCTT GAACCAAGT TTTCATTCC TCCTATTGTG TGTCAGGTT

----->

Fig. 1-1

2 / 15

```

+6   ATGTAAGGGT TTGCTTTCAC CCCATTCAAA AGGTACCTCT TCCTCTTCTC TTGCTCCCTC
                                           -----
                                           FP5
+66   TCGCCCTCAT TCTTGTGCCT ATGCAGACAT TTGAGTAGAG GCGAATCACT TTCACTTCTG
----->
                                           FP6
+126  CTGGGGAAAT TGCAACACGC TTCTTTAAAT GGCAGAGAGA AGGAGAAAAC TTAGATCTTC
----->
                                           SD1 ↓
+186  TGATACCAAA TCACTGGACC TTAGAAGGTC AGAAATCTTT CAAGCCCTGC AGGACCGTAA
                                           ----->

+246  AATGCGCATG TGTCCAACGG AAGCACTGGG GCATGAGTGG GGAAGGAATA GAAACAGAAA
SD2 ↓
+306  GAGGGTAAGA GAAGAAAAAA GGGAAAGTGG TGAAGGCAGG GAGGAAAATT GCTTAGTGTG

+366  AATATGCACG CATTCATTTA GTTTTCAAAT CCTTGTGAG CATGATAAAA TTCCCAGCAT

+426  CAGACCTCAC ATGTTGGTTT CCATTAGGAT CTGCCTGGGG GAATATCTGC TGAATCAGTG
----->

+486  GCTCTGAGCT GAACTAGGAA ATTCACCATA ATTAGGAGAG TCACTGTATT TCTCTCCAAA

+546  AAAAAAAG TTATACCCGA GAGACAGGAT CTTCTGATCT GAAATTTTCT TCACTTCTGA

+606  AATTCTCTGG TTTGTGCTCA TCGTTGGTAG CTATTTGTTT ATCAAGAGTT GTGTAGCTGG

+666  CTTCTTCTGA AAAAAGGAAT CTGCGTCATA TCTAAGTCAG ATTTCAATTCT GGTGCTCTCA

+726  GAGCAGTTAG CCCAGGAAAG GGGCCAGCTT CTGTGACGAC TGCTGCAGAG GCAGGTGCAG

+786  TTTGTGTGCC ACAGATATTA ACTTTGATAA GCACTTAATG AGTGCCTTCT CTGTGCGAGA

+846  ATGGGGAGGA ACAAATGCA GTCCTACCC TCCTCGGGCT TTAGTTGTAC CTTAATAACA

+906  GGAATTTTCA TCTGCCTGGC TCCTTTCTCT AAAGAACAAA GAAGACTTTG CTTCAATAAA
                                           -----
                                           SD3 ↓
+966  GTGTCTGAGA AGGAAG
----->

```

FIG. 1-2



[illegible]

Fig. 2-2

\_\_\_\_\_

---

•

Fig. 3-1

CTGAGCTGAAC TAGGAAATTCACCATAATTAGGAGAGTCACTGTATT-----TCTCT  
::: : : ::::: : : : : : : : : : : : : : : : :  
CTGAGCAGAACCAAGAAATTCACCCCCAA-AGAGGAGTCACTGTATTAGTCAGGGTCTCT

CCAAAAAAAAAAGTTATACCCGAGAGACAGGATCTTCTGATCTGAAATTTCTTCACT  
 :: ::::: :::: :::: :::: :::: ::::: ::::: ::::: :::::  
 G-----AACAAAGTTAGACCCAAGAAACAGAATCCTCTGGTCTGAAATGGTCT-CTTG

TCTGAAATTCTCTGGTTTGTGCTCATCGTT-----GGTAGCTATTTGTTTCATCA  
:  
: : ::::: : : : : : : : :  
TGTGAAATTCTCTGCTTTGTACGCAAAGGAAAAGAACATGCCGGTAGGAGCCTGCTCGTCA

A--GAGTTGTGTAGCTGGCTTCTTCTGAAAAAGGAATCTGCGTCATATCTAAGTCAGAT  
:   :::   :::   :   ::   :::   :::   :   :::   :::   :::   :::   :::   :::  
AACGAGGTGTGAATCTAGCTTCTTCTAGAAAAAGCAGCCTGCGTCACATCGAAGCCAGAT

TTCATTCTGGTGCTCTCAGAGCAGTTAGCCCAGGAAAGGGGCCAGCTTCTGTGACGACTG  
:: :::: ::::: ::::: ::::: : :: :::: : ::::: ::::: ::::  
TTGGTTCTTT-TGCTCTGAGAGCGGTTAGGCTAGTGGAGGG-CAGGCTTCCGTGACAACTG

CTGCAGAGGCAGGTGCAGTTTGTGTGCCACAGATATTAACTTTGATAAGCACTTAATGAG  
:  
:::  
GTACAGGGACAGGTGCAGTGTTGGGTCCACAGATATGAACCTCTGATAAATCGTGCATGAG

TGCCTTCTCTGTGCGAGAATGGGGAGGAACAAAATGCAGCTCCTACCCTCCTCGGGCTTT  
 :: :::: : ::::: :: :: : ::::: ::::: :::  
 ---CTACTCTGCGTAAGAATGGAGAAGAGAGCAGCCCAGCTCCCACCCTCCTGGGGTTCC

[illegible]

```
--AGACTTTGCTTCATTAAAGTGTCTGAGAAGGAAG
   ::  ::::: :: ::::: : :::::
TCAGATCCTGCTTCGTTAGAGTGTCTG-GGAGGAAG
```

Fig. 3-2

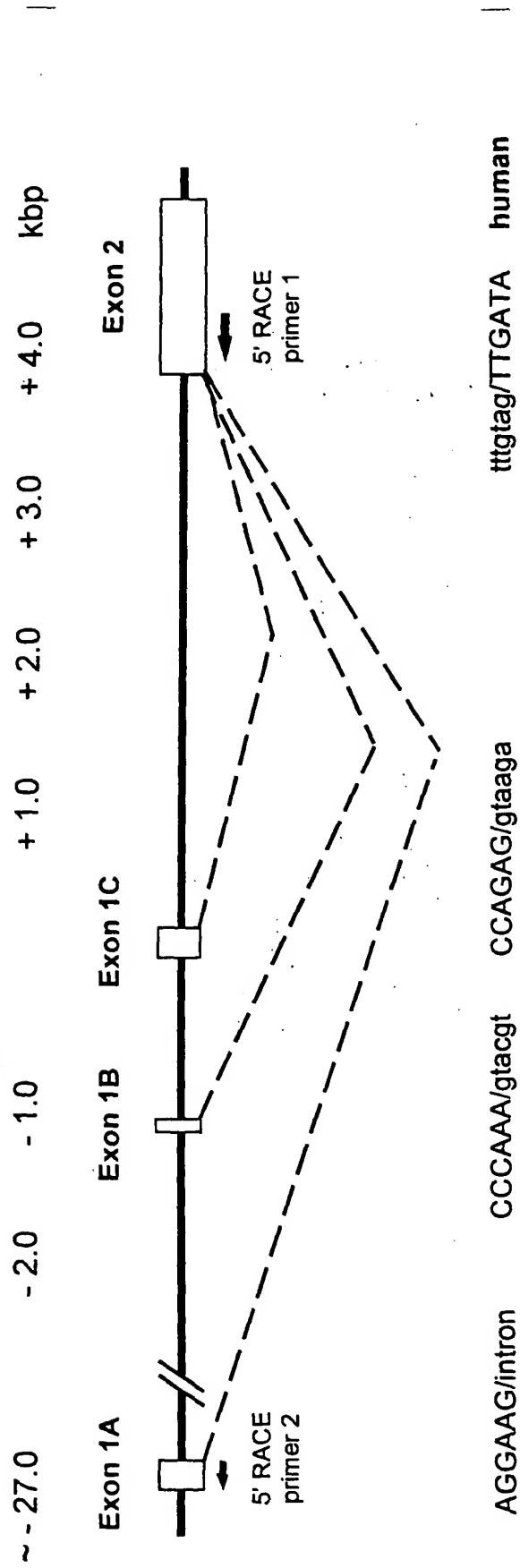


Fig. 4

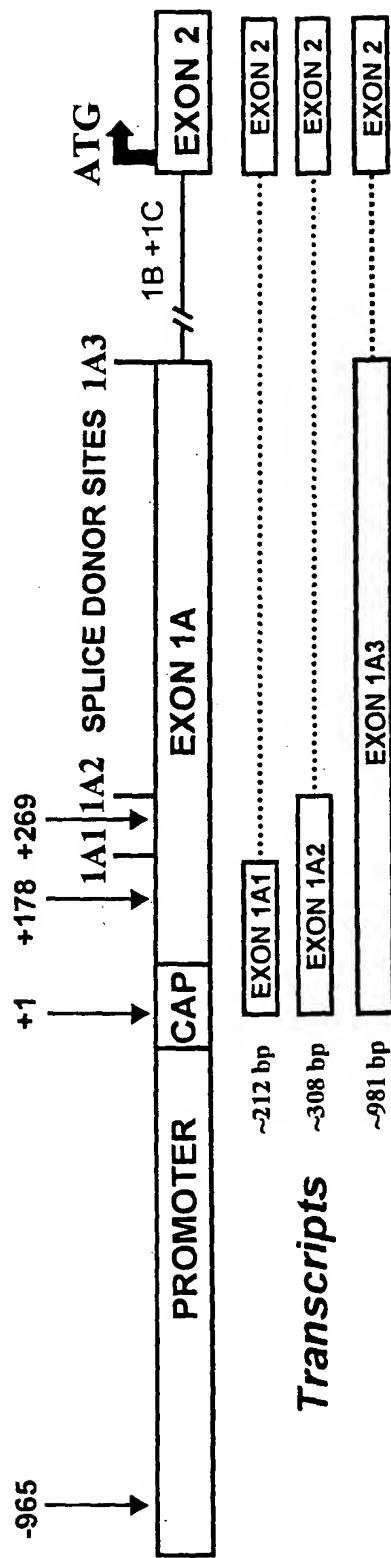


Fig. 5



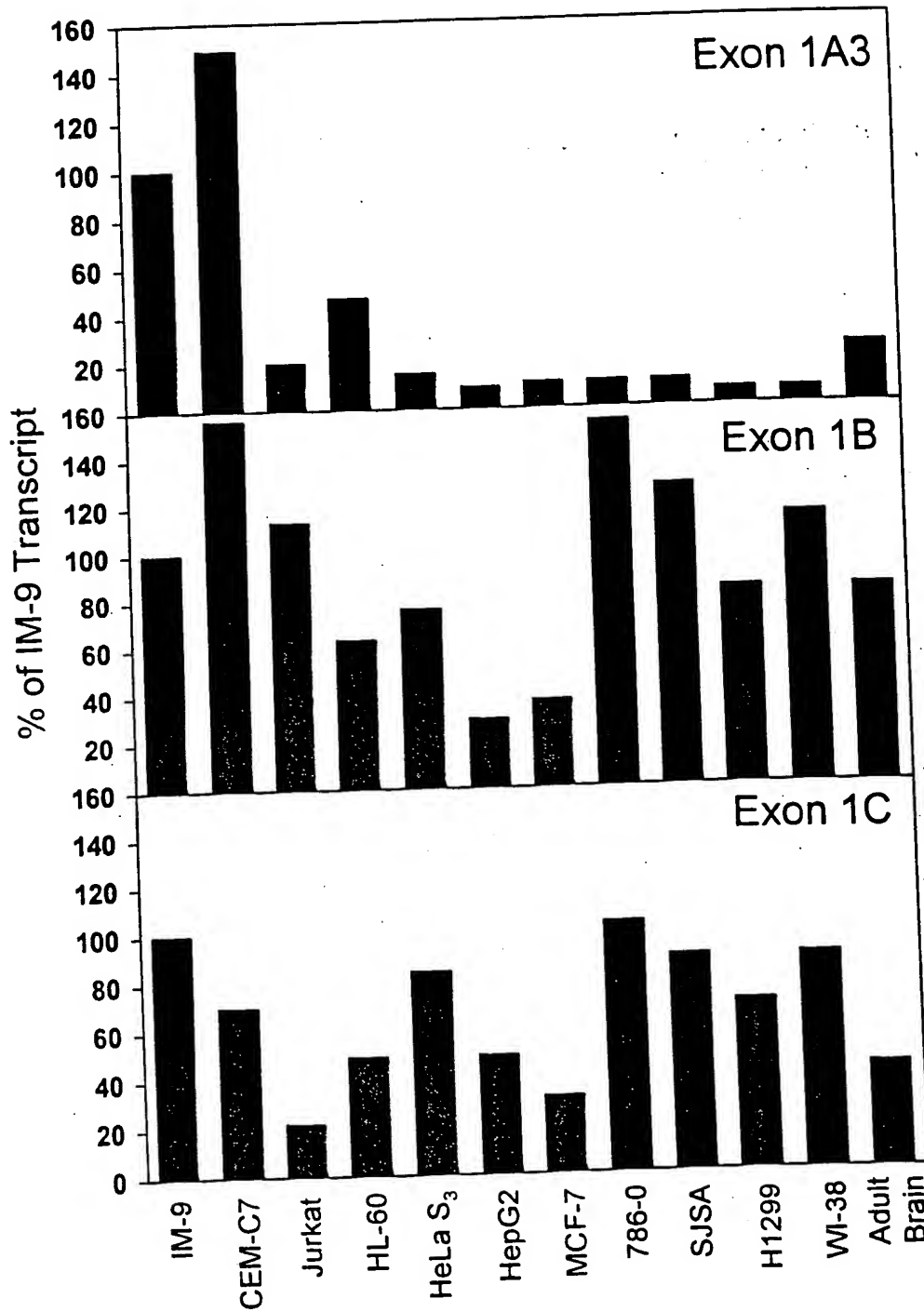


Fig. 6

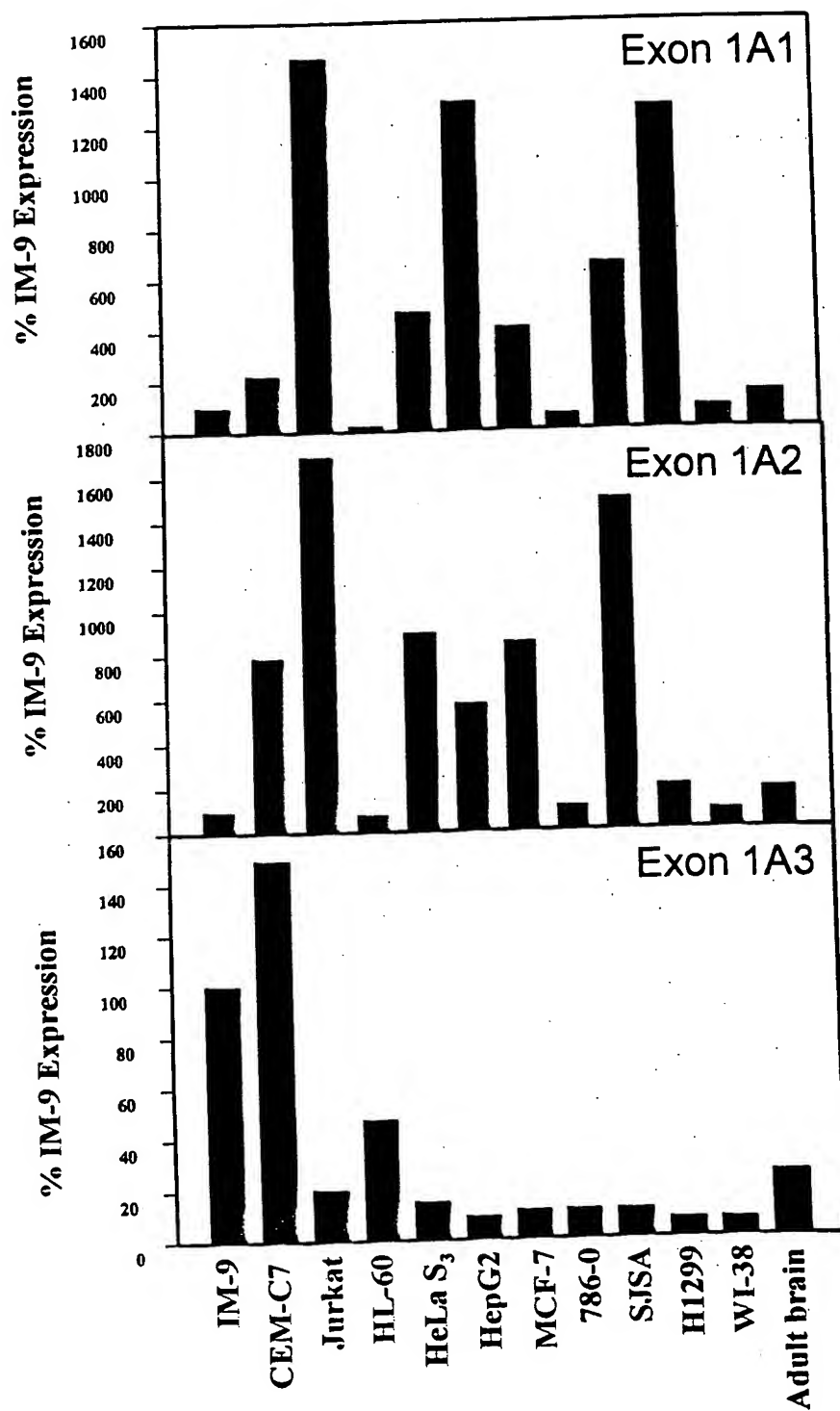


Fig. 7

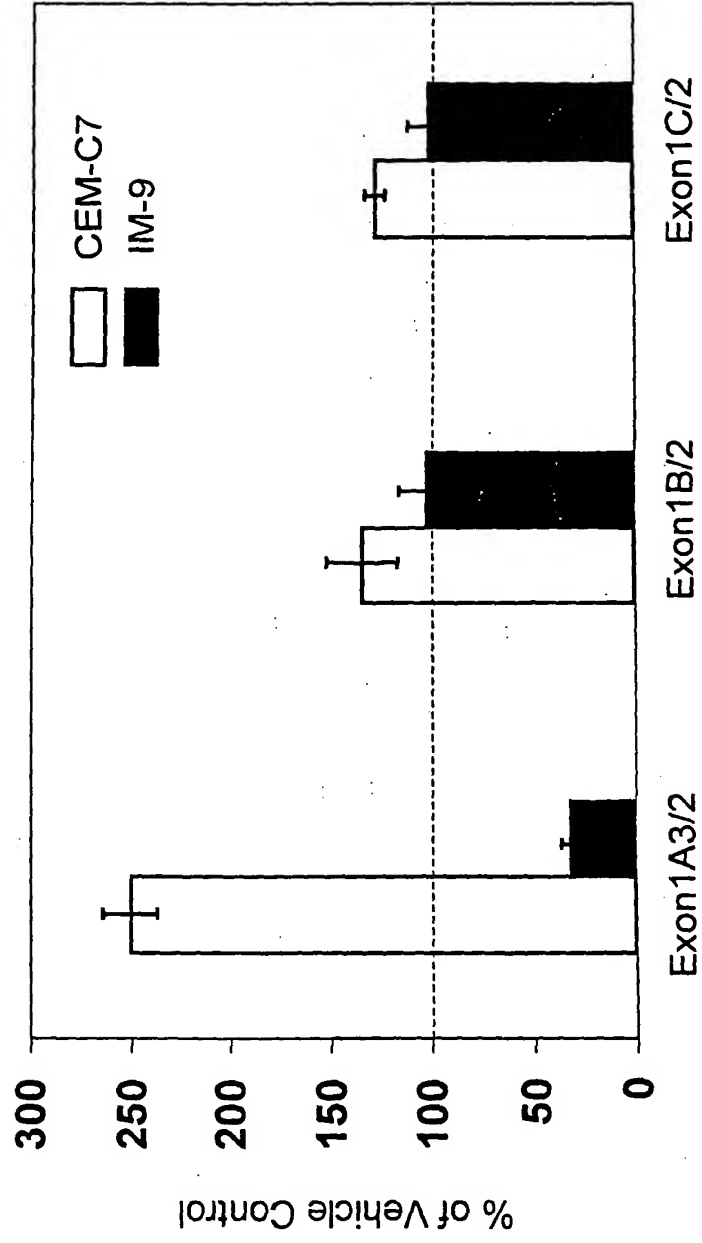


Fig. 8

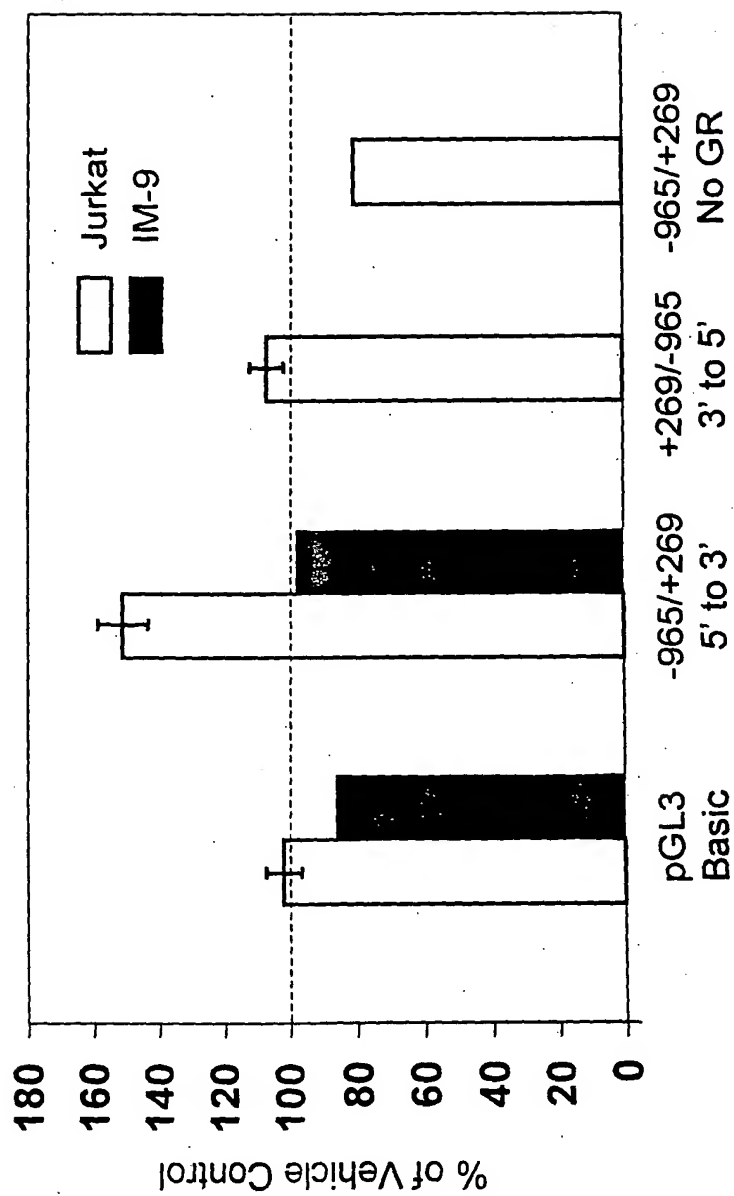


Fig. 9

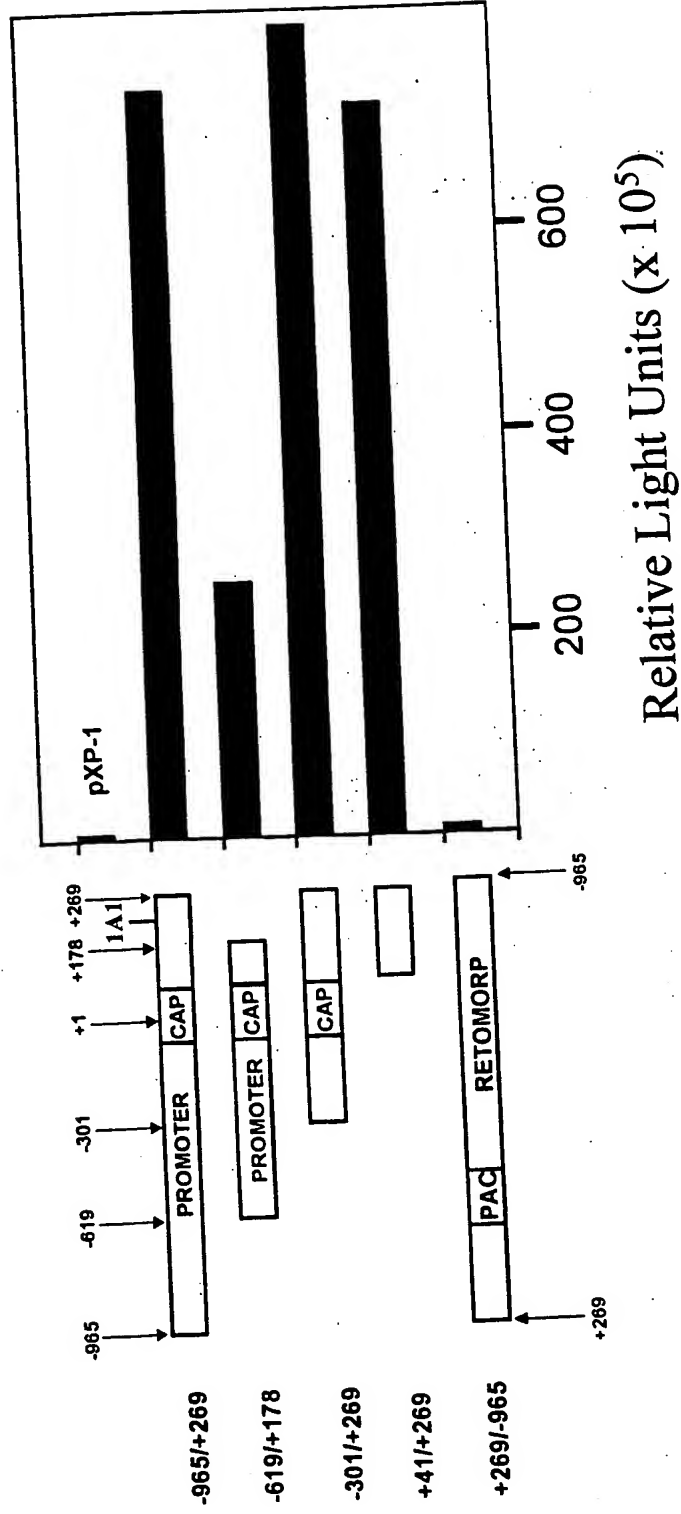


Fig. 10

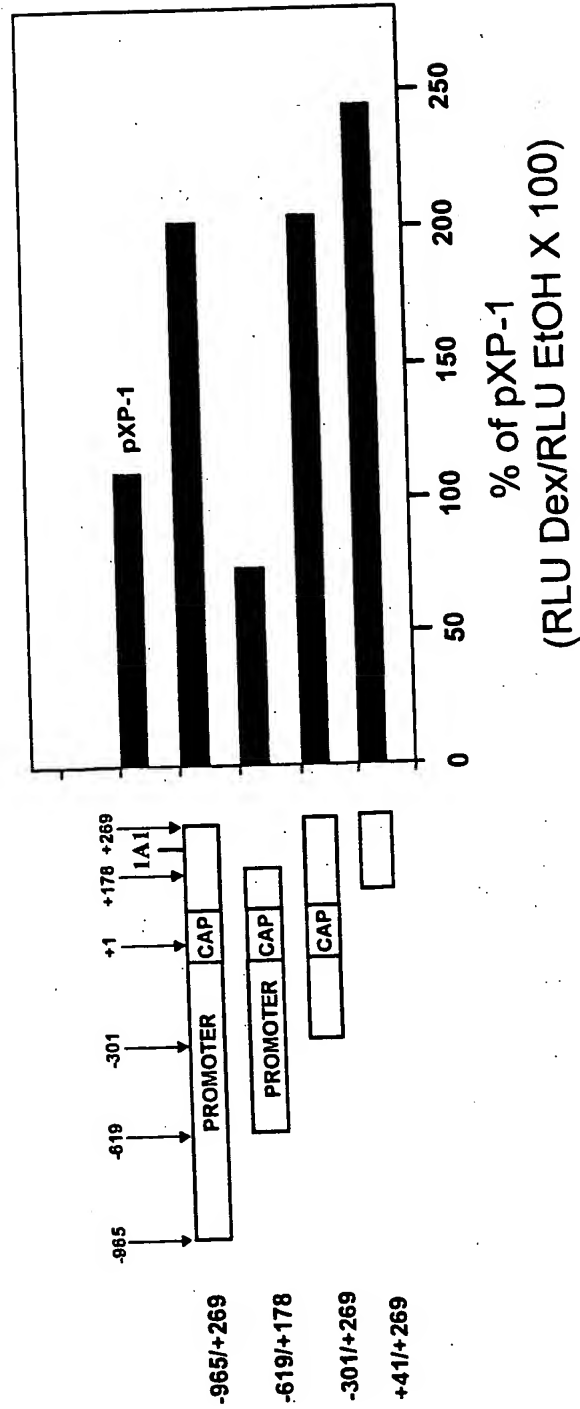


Fig. 11

15 / 15

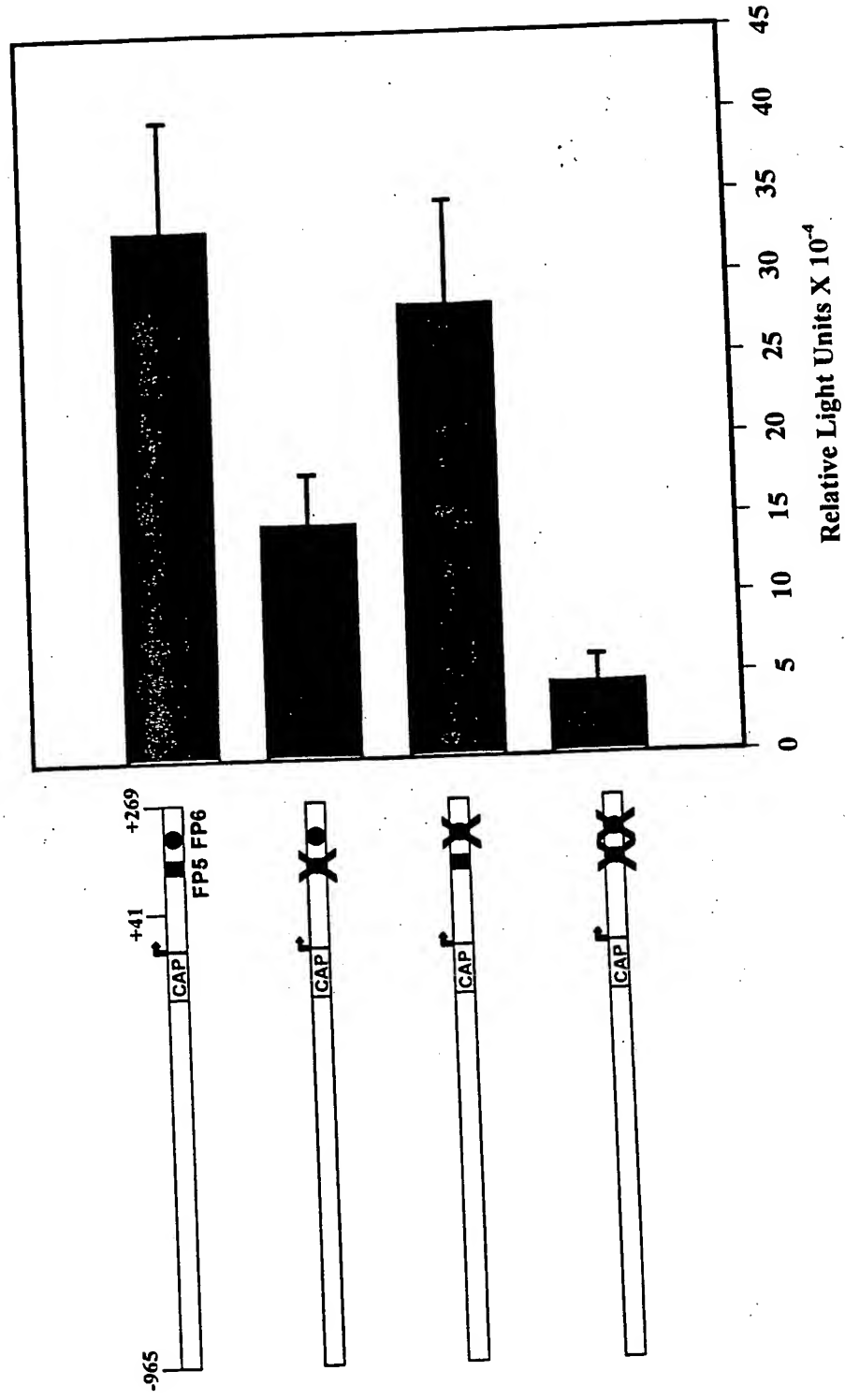


Fig. 12